

Please type a plus sign (+) inside this box → ⊞

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons ar required to respond to a collection of information unless it displays a valid OMB control number.

| Substitute for form 1 | 1449A/PTO | | | | | | | | | |
|-----------------------|------------------------------|----------------------|----------------------------|------------------------|------------------------------|------------------------|--|------------------------|---|--|
| | ^ | Application Number | | | PCT/FI00/004 | 419 10/01 | 986 | | | |
| | Fi | Filing Date | | | | | | | | |
| INFORMAT | l Fi | First Named Inventor | | | Pentti Rautiai | inen | \ | | | |
| STATEME | T G | Group Art Unit | | | | (# 2 |) | | | |
| (Use as m | E | Examiner Name | | | Unknown | | | | | |
| Sheet 1 | A | ttorney Do | | | | | | | | |
| | | 3 | | | CUMENTS | | FORSAL-28 | | | |
| | J.S. Patent Documer | | f Patentee | | | ublication | | olumns, Lines, Where I | | |
| Initials* No.1 | lumber Kind Code (If know | Docume | cant of Cited ment | | of Cited Document MM-DD-YYYY | | | | | |
| MH 5 | ,087,325 | Page | | | 02-11-1992 | | | | | |
| [5 | ,416,980 | llvespää | | | 05-23-1995 | | | • | | |
| 5 | ,438,920 | Koivukun | nnas et al. | | 08-08-1995 | | | | | |
| 5 | 5,685,909 Reich et al. | | | | 11-11-199 | 7 | | | | |
| 5 | ,894,679 | Kukhasal | lo et al. | | 04-20-1999 | | | | | |
| 6 | ,001,421 | Ahonen e | t al. | | 12-14-199 | 9 | | | | |
| 6 | ,038,789 | Kaihovirt | | | 03-21-200 | 0 | | | | |
| 6, | 267,845 | Hautala e | t al. | | 07-31-2001 | | | ••••• | | |
| V 6 | 270,624 | Huovila e | | | 08-07-200 | 1 | | | | |
| | | | IN PATEN | VT DOCU | MENTS | ··· | | | ļ | |
| | Foreign Patent Docu | | Name of P | of Patentee or | | Date of Publication of | | Pages, Columns, | ľ | |
| Examine Cite | | | Applicant of Cited Docume | | ocument | Cited Do | | Lines, Where | | |
| r No. Off | fice ³ | Ŋ | | | MM-DD | -YYYY | Relevant Passages or Relevant Figures | T _e | | |
| | Number ⁴ | | | | | Appear | | | | |
| MU FI | 91900 | (If known) | Valmet Pap | per Machin | ery Inc. | 05-13-19 | 994 | | <u> </u> | |
| γ FI | 92729 | †····· | Valmet Paper Machiner Inc. | | | 09-15-1994 | | | † ************************************ | |
| FI | 960925 1 | | Valmet Corporation | | | 02-28-19 | 96 | | <u> </u> | |
| FI | 96334 1 | | Valmet Par | t Paper Machinery Inc. | | 02-29-1996 | | | | |
| FI | 98387 b | | Valmet Co | Corporation 02-28- | | 02 - 28-19 | 97 | | | |
| FI | 99155 | ļ <u>.</u> | J.M. Voith GmbH | | | 06-30-19 | 97 | | | |
| FI | 981327 , | | Valmet Co | Corporation 0 | | 06-10-1998 | | | | |
| FI | 981331 | | | Corporation | | 06-10-1998 | | | | |
| FI - | 101489 | · 1 ······ | | rporation | | 06-30-19 | | | | |
| FI FI | 981330 ' | †····· | Valmet Con | •••••• | | 06-10-19 | • | •••••• | ļ | |
| FI | 105935 | В | Valmet Cor | | | 10-31-20 | 00 | | | |
| Examiner Signature | M, Mal | per | \mathcal{M}_{-} | Da Co | te nsidered | 3 | 127/0 |)3 | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box $\rightarrow \blacksquare$

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| Substitute for form 1449A/PTO | | | | | Application Number | | | PCT/FI00/ | 00419 | , 1 | .0 | /0] | 1986 | | |
|-------------------------------|------------------|--------|--------------------------------------|----------|---------------------------------|----------|--------------------------------|---------------------------------------|------------------------------------|------------|---|---------------------------------------|--------|----------------|---------------------|
| INIEO | | TIO | N DICCI | | LIDE | | Filing Date | | | · | | | | | |
| | | | N DISCI | | _ | | First Named Invent | or | | Pentti Rau | tiaine | n | | | |
| SIA | EMI | =N I | BY APP | LIC | ANI | | Group Art Unit | | | | | | | | |
| (| Use as | many s | sheets as nece | essary) | | Ī | Examiner Name | | | | | | | и | |
| Sheet | 2 | | Of | 3 | | | Attorney Docket Nu | mber | | FORSAL-2 | 28 | | | | |
| | | | | | U. | .s. r | PATENT DOCUMEN | ITS | | | | | | | |
| | | | | | | | | | e of Publication Pages, Columns, L | | | | | | |
| Initials* | No. ¹ | | | | d Code ² f known) | Document | | | of Cited Docume | | ent Where Relevant Passag Relevant Figures Appea | | | | |
| | | | | | ••••• | ļ | | | | | | | ••••• | | |
| | | | | | •••••• | | | | ••••• | | | •••••• | ••••• | •••••• | |
| | · | | ••••• | | •••••• | | | | ••••• | •••••••• | | ••••• | | •••••• | •••••• |
| | | | ••••••••••• | | | ļ | 7 | | •••••• | | | ••••• | •••••• | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | | | | | | | | | |
| Examiner | Cite | I | | | | | of Patentee or ant of Cited | Date of Publication of Cited Document | | | f Pages, Columns, Lines, Where Relevant | | | | |
| Initials* | No.1 | Office | e ³ Number ⁴ k | (ind Coo | de ⁵ Doo | | nent | | DD-YYYY | | Passages or Relevant Figures Appear | | | T ⁶ | |
| MN | | FI | 106271 | В | Val | met | t Corporation | 12-29 | -2000 |) | | | | | |
|] | | CA | 2,114,464 | A1 | J.M | l. Vo | oith GmbH | 07-30 |)-1994 | , | | ••••• | ••••• | | |
| | | wo | 95/14816 | | Val Inc. | | Paper Machinery | 06-01 | 1-1995 | ; | | | | | |
| | | wo | 95/30049 | | | | ulzer naschinen GmbH | 11-09 | -1995 | | | ••••• | ••••• | • | |
| | | wo | 99/32714 + | | Val | met | Corporation | 07-01 | -1999 | | | | ••••• | | |
| | | wo | 99/55966 1 | <u> </u> | Val | met | Corporation | 11-04 | -1999 | | | ••••• | | | |
| | | wo | 99/64671 | ļ | Val | met | Corporation | 12-16 | -1999 | | | ••••• | | | |
| | | wo | 99/64672 ` | ļ | Val | met | Corporation | 12-16 | -1999 | | | | | | |
| | | EP | 0 427 887 | A1 | Bek | oit C | Corporation | 11-16 | -1989 | | | ••••• | | | |
| | | EP | 0 651 092 ' | B1 | Val | met | Corporation | 10-06 | -1994 | | | ••••• | ••••• | ••••• | |
| | | EP | 0 726 353 · | A2 | Val | met | Corporation | 11-20 | -1995 | | | · · · · · · · · · · · · · · · · · · · | | | <u> </u> |
| V | | EP | 0 824 157 | A3 | | | ulzer naschinen GmbH | 07-25 | -1997 | | | | | | English Abstract |
| Examiner Signature | 1 | 1,1 | Maly | ll | M | | Date Considered | | 3 | 1271 | 03 | , | | | |

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

| Un | der the Paperwork | Reduction Act of | of 1995, no persons are | required to respond to a collection | of information unless it displays a valid OMB control number |
|---|-------------------|------------------|-------------------------|-------------------------------------|--|
| Substitute | e for form 1449B | В/РТО | | Application Number | PCT/F100/00419 0 / 0 1 9 8 6 5 |
| INIE | ОВМАТІ | ON DIC | CLOSUDE | Filing Date | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | First Named Inventor | Pentti Rautiainen |
| SIA | I EIVIEN | I BY AF | PLICANI | Group Art Unit | |
| | (Use as man | y sheets as ned | essary) | Examiner Name | |
| Sheet | 3 | Of | 3 | Attorney Docket Number | FORSAL-28 |

| . | G:4 | | 1 | | | | | | |
|------------------------------|-------|--|---|--|--|--|--|--|--|
| Examiner Initials* Cite No.1 | | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | | | | | |
| | | "Ein neuer Ansatz für das Management der Naßpartie" transcription of a lecture by T. Pekkarinen and A. Kaunonen which appeared in Wochenblatt für Papierfabrikation, Vol. 19, No. 20, Oct. 1998, pp. 984-988 | | | | | | | |
| | • | "Efficient Forming at High Speeds" by Lauri Verkasalo, XI Valmet Paper Technology Days, 1998 | | | | | | | |
| | t | "Multilayering, Method or Madness?" by Michael H. Odell and Juha S. Kinnunen, XI Valmet Paper Technology Days, 1998 | | | | | | | |
| | 1 | "Challenges for Digital Printing Papers" by Pasi Ahonen, XI Valmet Paper Technology Days, 1998 | | | | | | | |
| | ľ | "Influence of Base Paper Filler Content and Pre-calendering on Metered Film Press Coating- Part I: A Coating Process Study" by Johan Grön and Jaana Ahlroos, lecture from the 1998 Tappi Proceedings Coating/Papermaking Conference Book 2 May 4-6, 1998 Sheraton New Orleans, New Orleans, LA | | | | | | | |
| V | | United States Patent Application No. 08/467,780, Method for Producing Surface-Treated Paper and Dry End of a Paper Machine FILED 8/8/95; ABANDONED 4/25/97 | | | | | | | |
| | ***** | | | | | | | | |
| | | | | | | | | | |
| | ••••• | | | | | | | | |
| | ••••• | | | | | | | | |
| | | | | | | | | | |

*EXAMINER: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language translation is attached

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.